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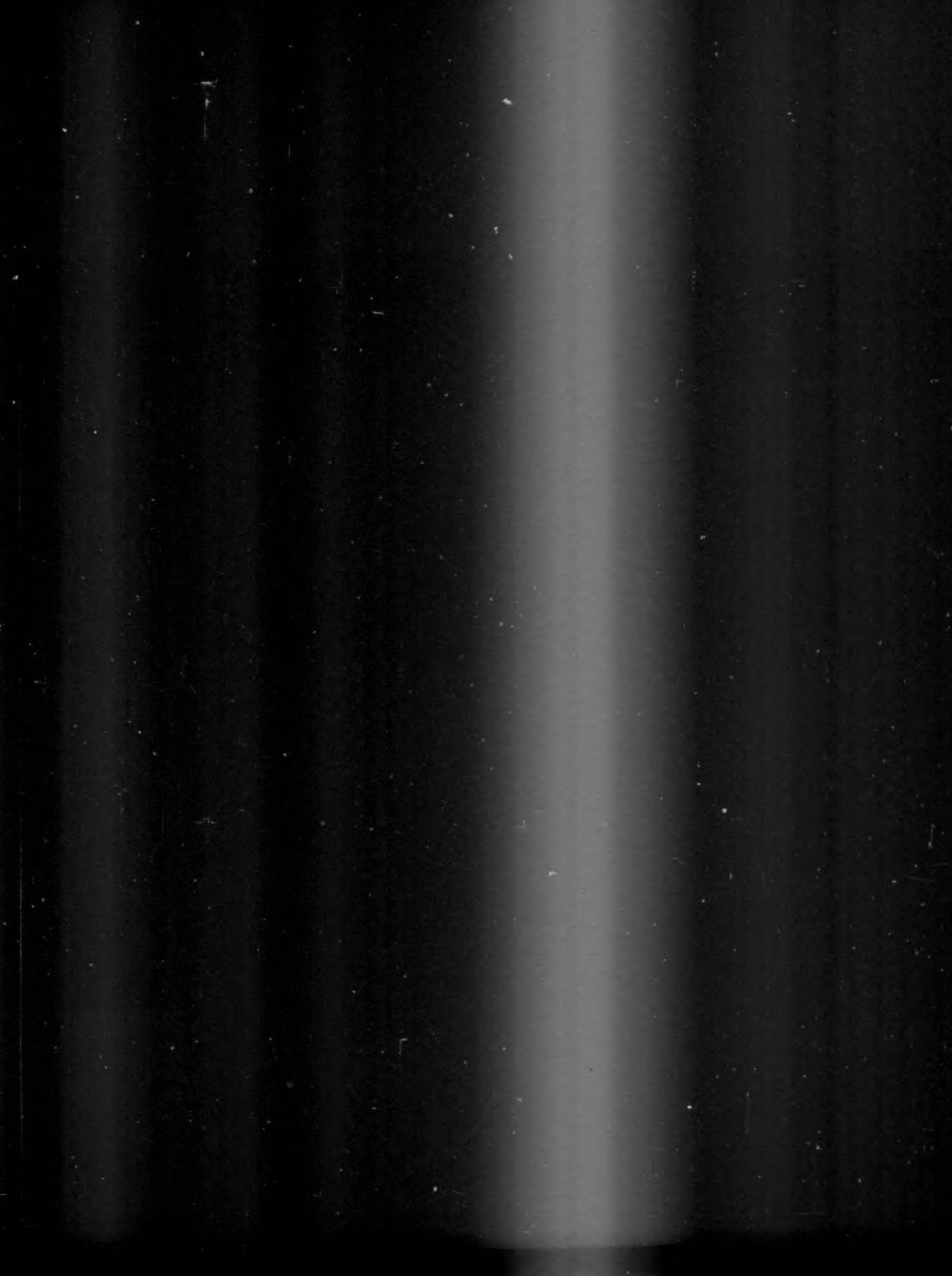

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Asna Amin, Craig D. Shriver, Leonard R. Henry, Sarah Lenington, George E. Peoples, and Alexander Stojadinovic 20
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Screening for Basal Marker Expression Is Necessary for Decision of Therapeutic Strategy for Triple-Negative Breast Cancer
Mitsunori Sasa, Yoshimi Bando, Masako Takahashi, Toshiyuki Hirose, and Taeko Nagao 30
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Marcus Lehnhardt, Adrien Daigeler, Joerg Hauser, Alexander Puls, Christian Soimaru, Cornelius Kuhnen, and Hans Ulrich Steinau 40
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Helena Doucas, Christopher D. Mann, Christopher D. Sutton, Guiseppe Garcea, Christopher P. Neal, David P. Berry, and Margaret M. Manson 63
Notch-3 expression is correlated with STAT3, pSTAT-3 and pAkt expression in pancreatic adenocarcinoma, and nuclear expression is associated with an aggressive phenotype and poor prognosis.

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Loss of Smad4 Protein Expression and 18qLOH as Molecular Markers Indicating Lymph Node Metastasis in Colorectal Cancer—A Study Matched for Tumor Depth and Pathology
Toshiaki Tanaka, Toshiaki Watanabe, Yoshihiro Kazama, Junichiro Tanaka, Takamitsu Kanazawa, Shinsuke Kazama, and Hirokazu Nagawa 69
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Poorly Differentiated Colorectal Adenocarcinomas Show Higher Rates of Microsatellite Instability and Promoter Methylation of *p16* and *hMLH1*: A Study Matched for T Classification and Tumor Location
Yoshihiro Kazama, Toshiaki Watanabe, Takamitsu Kanazawa, Junichiro Tanaka, Toshiaki Tanaka, and Hirokazu Nagawa 278
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Brian K.P. Goh, Pierce K.H. Chow, Sittampalam Kesavan, Wai-Ming Yap, and Wai-Keong Wong 388
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Cost-Effectiveness of Laparoscopy Versus Laparotomy for Initial Surgical Evaluation and Treatment of Potentially Resectable Hepatic Colorectal Metastases: A Decision Analysis
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A decision tree model was developed to evaluate the costeffectiveness of laparoscopy versus laparotomy for initial operative evaluation of colorectal hepatic metastases deemed resectable on standard pre-operative evaluation. Laparoscopy was found to be most likely to benefit patients and save costs when performed after preoperative risk stratification, in a subgroup of patients at high risk of radiographically occult unresectable disease.

Serum Immunosuppressive Acidic Protein Reflects Systemic Deterioration of Colorectal Cancer Patient Condition
Yuji Toiyama, Chikao Miki, Yasuhiro Inoue, Yoshinaga Okugawa, Yuki Koike, Hideki Watanabe, Takeshi Yokoe, Junichirou Hiro, Eiki Ojima, Kouji Tanaka, and Masato Kusunoki 404
Serum IAP level was found to be a valuable prognostic factor, independently of CEA, which is related to tumor progression. Measuring the serum IAP level may provide valuable information for predicting long-term survival and assessing the general condition of colorectal cancer patients.

Increased TGF-Beta1 Protein Expression in Patients With Advanced Colorectal Cancer
Marcus Langenskiöld, Lena Holmdahl, Peter Falk, Eva Angenete, and Marie-Louise Ivarsson 409
We found increased protein expression of transforming growth factor β1 in plasma and tumor tissue in patients with metastatic disease. Additionally, we observed regional variability in bowel wall tissue concentration for TGF-β1 in the subgroup of patients who had local lymph node involvement without distant metastasis, being higher in colon compared to rectum. These findings are consistent with proposed effects of TGF-β1 as being both a tumor suppressor and having pro-oncogenic effects.

Expression of P53, P27 and KI-67 in Colorectal Cancer Patients of Various Ethnic Origins: Clinical and Tissue Microarray Based Analysis
Tzeela Cohen, Diana Prus, Jinru Shia, Bassam Abu-Wasel, Meir G. Pinto, Herbert R. Freund, Alexander Stojadinovic, Anna Grakov, Tamar Peretz, and Aviram Nissan 416
Clinical variables and the expression of cell cycleregulating molecules p53, p27 and Ki-67 were analyzed in a cohort of colorectal cancer patients. Ethnicity among Ashkenazi Jews, Sephardic Jews and Palestinian Arabs appears to have a significant impact on disease outcome in patients with colorectal cancer, while primary tumor expression of p53, p27 and Ki-67 was unrelated to disease outcome.

Histological Features of Lymph Node Metastasis in Patients With Biliary Tract Cancer
Haruki Morimoto, Tetsuo Ajiki, Takashi Ueda, Hidehiro Sawa, Tsunenori Fujita, Ippei Matsumoto, Takeo Yasuda, Yasuhiro Fujino, Yoshikazu Kuroda, and Yonson Ku 423
In biliary cancer cases, large lymph nodes detected preoperatively are highly suggestive of metastasis; however, small metastatic nodes that evade detection are often also present. The poor sensitivity of preoperative detection of lymph nodes with a relatively low percentage of metastatic area puts biliary tract cancer patients with many of these nodes at risk

Expression of Etk/Bmx Tyrosine Kinase in Intrahepatic Cholangiocarcinoma
Linlang Guo, Ying Guo, and Sha Xiao 428

Expression of CXCL12 and its Receptor CXCR4 Correlates With Lymph Node Metastasis in Submucosal Esophageal Cancer
Ken Sasaki, Shoji Natsugoe, Sumiya Ishigami, Masataka Matsumoto, Hiroshi Okumura, Tetsuro Setoyama, Yasuto Uchikado, Yoshiaki Kita, Kiyokazu Tamotsu, Toshihide Sakurai, Tetsuhiro Owaki, and Takashi Aikou 433
Expression of the chemokine CXCL12, and especially of both CXCL12 and its receptor CXCR4, correlates with lymph node metastasis including micrometastasis in submucosal esophageal squamous cell carcinoma.

The Ubiquitin-Proteasome Pathway and Enhanced Activity of NF-κB in Gastric Carcinoma
Lingfei Wu, Zejin Pu, Jialin Feng, Guoping Li, Zhichao Zheng, and Wenlv Shen 439
The constitutive activation of NF-κB was observed in gastric carcinoma and it is likely due to the activation of ubiquitin-proteasome pathway. NF-κB can be used as a good prognostic biomarker for gastric carcinoma. The habit of high intake of pickled vegetables in the diet is a harmful factor for gastric carcinoma.

Prognostic Significance of Expression of CCL5/RANTES Receptors in Patients With Gastric Cancer
Hidekazu Sugasawa, Takashi Ichikura, Hironori Tsujimoto, Manabu Kinoshita, Daisaku Morita, Satoshi Ono, Kentaro Chochi, Hitoshi Tsuda, Shuhji Seki, and Hidetaka Mochizuki 445
We demonstrated that higher serum CCL5 levels were associated with more advanced disease in patients with gastric cancer and the expression of CCL5 receptors, particularly CCR3 and CCR5, was an independent prognostic indicator. The expression of CCR3 and/or CCR5 in gastric cancer may contribute to tumor progression through their binding to CCL5.

Clinical Significance of HLA Class I Heavy Chain Expression in Patients With Gastric Cancer
Yoshitake Ueda, Koichi Ishikawa, Norio Shiraishi, Shigeo Yokoyama, and Seigo Kitano 451
The aim of this retrospective study was to clarify the clinical significance of HLA-I heavy chain expression in gastric cancer. HLA-B/C of heavy chain expression could be a significant predictor of peritoneal recurrence after curative surgery in patients with gastric cancer.

Initial Tumor Size Predicts Histologic Response and Survival in Localized Osteosarcoma Patients
Min Suk Kim, Soo-Yong Lee, Wan Hyeong Cho, Won Seok Song, Jae-Soo Koh, Jun Ah Lee, Ji Young Yoo, and Dae-geun Jeon 456
The initial tumor size is closely related to histologic response and is an important prognostic factor in osteosarcoma. Tumor size is best represented by AJCC stage and relative tumor plane.

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Erratum: Prevention of surgical site infection after breast cancer surgery by targeted prophylaxis antibiotic in patients at high risk of surgical site infection. Nicolas P, Yazdan Y, Marie-Pierre C, Stéphanie C, Sylvia G, Jean-Charles N, Danièle L, Charles F, Jacques B. 2007. J Surg Oncol 96:124–129.
Nicolas Penel, Yazdan Yazdanpanah, Marie-Pierre Chauvet, Stéphanie Clisant, Sylvia Giard, Jean-Charles Neu, Danièle Lefebvre, Charles Fournier, and Jacques Bonneterre 479

Erratum: High Operative Risk of Cool-Tip Radiofrequency Ablation for Unresectable Pancreatic Head Cancer. John S, Anastasios D, Nikolaos M, Spiros K, Archodia V, Athanasios R, Athina C. 2007. J Surg Oncol 96: 89–90.
John D. Spiliotis, Anastasios C. Datsis, Nikolaos V. Michalopoulos, Spiros P. Kekelos, Archodia Vaxevanidou, Athanasios G. Rogdakis, and Athina N. Christopoulou 480

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Hepatectomy of Segment 4a and 5 Combined With Extra-Hepatic Bile Duct Resection for T2 and T3 Gallbladder Carcinoma
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The adequacy for extended resection for T2 and T3 gallbladder carcinoma, according to the characteristics of either the clinicopathological factors or the prognostic factors in patients with T2 and T3 gallbladder carcinoma, was evaluated.

Impact of Type of Liver Resection on the Outcome of Colorectal Liver Metastases: A Case-Matched Analysis
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Intraductal Papillary Neoplasm of the Bile Ducts: The Clinical Features and Surgical Outcome of 25 Cases
Kwang Yeol Paik, Jin Seok Heo, Seong Ho Choi, and Dong Wook Choi 508
The prognosis of IPN-B, especially of the benign category, is excellent. Aggressive surgical resection is the treatment of choice for IPN-B.

Impact of Systemic Inflammation on Outcome Following Resection for Intrahepatic Cholangiocarcinoma
Dhanwant Gomez, Gareth Morris-Stiff, Giles J. Toogood, J. Peter A. Lodge, and K. Rajendra Prasad 513
Various prognostic factors have been shown to affect outcome following potentially curative resection for intrahepatic cholangiocarcinoma. This study analysed prognostic factors influencing disease-free and overall survival following surgery, with special reference to systemic inflammation represented by neutrophil to lymphocyte ratio.

Long-Term Pancreatic Endocrine Function Following: Pancreatoduodenectomy With Pancreaticogastrostomy
Yoshiaki Murakami, Kenichiro Uemura, Yasuo Hayashidani, Takeshi Sudo, Yasushi Hashimoto, Hiroki Ohge, and Taijiro Sueda 519
Long-term pancreatic endocrine function following pancreatoduodenectomy with pancreaticogastrostomy were evaluated by measuring serum HbA1c levels. Pancreatic endocrine function was maintained for a longterm period after pancreatoduodenectomy with pancreaticogastrostomy.

A New Limb Salvage Surgery in Cases of High-Grade Soft Tissue Sarcoma Using Photodynamic Surgery, Followed by Photo- and Radiodynamic Therapy With Acridine Orange
Tomoki Nakamura, Katsuyuki Kusuzaki, Takao Matsubara, Akihiko Matsumine, Hiroaki Murata and Atsumasa Uchida 523
Photodynamic surgery, followed by photo- and radiodynamic therapy with acridine orange for limb salvage surgery aimed to provide very much better limb function to patients with highgrade musculoskeletal sarcomas in the extremities than conventional wide resection surgery followed by limb reconstruction surgery, and also aimed not to increase the risk of local tumor recurrence which induces a poor prognosis. The best indication of this therapy is high-grade soft tissue sarcomas arising in the forearm or hand, because a functional deficit of the hand is a serious problem for patients and the diameter of most of these tumors is smaller than 10 cm.

Are Buccal Cancers in India and Canada Any Different?
K.A. Pathak, R.W. Nason, S.D. Talole, and A.A. Abdoh 529
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Carcinomas Arising in the Submandibular Gland: High Propensity for Systemic Failure
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Overexpression of Protein Kinase Cα mRNA may be an Independent Prognostic Marker for Gastric Carcinoma
Kai-Yuan Lin, Chia-Lang Fang, Yih-Huei Uen, Chun-Chao Chang, Horng-Yuan Lou, Ching-Ruey Hsieh, Cheng Tiong, Shiann Pan, and Sheng-Hsuan Chen 538
Correlation between PKCα mRNA expression and clinicopathological parameters and the prognostic value of PKCα were studied. The results indicate that overexpression of PKCα mRNA has strong correlation with metastasis and may be used as an independent prognostic marker for gastric carcinoma.

Nuclear Localization of Annexin A1 Is a Prognostic Factor in Oral Squamous Cell Carcinoma
Chiao-Ying Lin, Yung-Ming Jeng, Han-Yi Chou, Hey-Chi Hsu, Ray-Hwang Yuan, Chun-Pin Chiang, and Mark Yen-Ping Kuo 544

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Mitotic Checkpoint Gene MAD1 in Hepatocellular Carcinoma is Associated With Tumor Recurrence After Surgical Resection
Chang Woo Nam, Neung Hwa Park, Bo Ryung Park, Jung Woo Shin, Seok Won Jung, Yang Won Na, and Jae Hee Seo 567
MAD1 (mitosis arrest deficiency 1) G-1849 A promoter genotype in hepatocellular carcinoma may be involved in tumor progression. Therefore, the loss of MAD1 protein expression may be related to the tumor recurrence after surgical resection of HCC

Prospective Trial of Intensive Decongestive Physiotherapy for Upper Extremity Lymphedema
Didem Karadibak, Tugba Yavuzsen, and Serdar Saydam 572

Sociodemographic and Tumor Characteristics Associated With Pancreatic Cancer Surgery in the United States
Andrew J. Gawron, Susan M. Gapstur, Angela J. Fought, Mark S. Talamonti, and Halcyon G. Skinner 578
Multivariate analyses suggest differences in sociodemographic characteristics between surgically and non-surgically treated pancreatic cancers. These differences are not entirely attributable to differences in age, primary site, or disease stage at diagnosis.

Long-Term Survival After Radical Prostatectomy Compared to Other Treatments in Older Men With Local/Regional Prostate Cancer
Liqian Liu, Ann L. Coker, Xianglin L. Du, Janice N. Cormier, Charles E. Ford, and Shenying Fang 583
There was a significant long-term survival benefit in men receiving radical prostatectomy compared to those receiving watchful waiting or radiotherapy in a large population-based cohort of 5,845 patients diagnosed with local/regional stage prostate cancer at age 65–74 in 1992 with comorbidity score of 1 or lower.

Multiple Primary Malignancies in Patients With Sporadic Pancreatic Endocrine Tumors
Volker Fendrich, Jens Waldmann, Detlef K. Bartsch, Katja Schlosser, Matthias Rothmund, and Berthold Gerdes 592
Patients with sporadic neuroendocrine pancreatic tumors have more often multiple primary malignancies than the general population

Prognostic Values of Pathologic Findings and Hypoxia Markers in 21 Patients With Salivary Duct Carcinoma
Jong-Lyel Roh, Kyung-Ja Cho, Gui Young Kwon, Seung-Ho Choi, Soon Yuhl Nam, and Sang Yoon Kim 596

Assessing the Optimal Duration of Chemotherapy in Patients With Colorectal Liver Metastases
Rebekah R. White, Lawrence H. Schwartz, Jose A. Munoz, Greer Raggio, William R. Jarnagin, Yuman Fong, Michael I. D'angelica, and Nancy E. Kemeny 601
The purpose of this retrospective analysis was to evaluate time to maximal response in patients receiving systemic chemotherapy with or without hepatic arterial infusion (HAI) chemotherapy for colorectal liver metastases. Our data suggest that, in responders to chemotherapy, surgical resection should be considered after 2 to 4 months of therapy, when most patients have achieved maximal response.

HLA-Class I Expression in Gastric Cancer
Sumiya Ishigami, Shoji Natsugoe, Akihiro Nakajo, Takaaki Arigami, Masaki Kitazono, Hiroshi Okumura, Masataka Matsumoto, Yasuto Uchikado, Tetsuro Setoyama, Ken Sasaki, and Takashi Aikou 605
HLA-class I expression in gastric cancer correlated with the depth of invasion, nodal involvement and tumor histology, however, HLA-class I was not selected as an independent prognostic factors by multivariate analysis. Journal of Surgical Oncology

The Significance of ANXA7 Expression and its Correlation With Poor Cellular Differentiation and Enhanced Metastatic Potential of Gastric Cancer
Ping-I Hsu, Ming-Shyan Huang, Hui-Chun Chen, Ping-Ning Hsu, Tsung-Ching Lai, Jui-Ling Wang, Gin-Ho Lo, Kwok-Hung Lai, Ching-Jiunn Tseng, and Michael Hsiao 609
Metastasis is one of the major reasons of gastric cancer related death in the world. This study showed a striking correlation between ANXA7 expression and the differentiation of gastric cancer and the loss of ANXA7 expression is an important factor related to distant metastasis of gastric cancer.

Comparative Analysis of Immunohistochemical Markers With Invasiveness and Histologic Differentiation in Squamous Cell Carcinoma and Basal Cell Carcinoma of the Skin
Kyung Dong Son, Tae-Jung Kim, Youn Soo Lee, Gyeong Sin Park, Ki Taik Han, Jin Soo Lim, and Chang Suk Kang 615

Genetic Variants in Germline TP53 and MDM2 SNP309 Are Not Associated With Early Onset Colorectal Cancer
Sajid A. Khan, Kamran Idrees, Ann Forslund, Zhaoshi Zeng, Shoshana Rosenberg, Hanna Pincas, Francis Barany, Kenneth Offit, Michael P. Laquaglia, and Philip B. Paty 621
Colorectal cancer diagnosed before age 30 presents with an aggressive clinical course, yet the biology behind this rare disease is poorly understood. This study explores whether germline variants in genes of the p53 pathway are associated with early onset colorectal cancer.

Appling the Abdominal Aortic-Balloon Occluding Combine With Blood Pressure Sensor of Dorsal Artery of Foot to Control Bleeding During the Pelvic and Sacrum Tumors Surgery
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